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NO FOREIGN DISSEM

PHOTOGRAPHIC INTERPRETATION REPORT



**BLACK SHIELD MISSION
BX6708**

13 JULY 1967

NPIC/R-142/67

AUGUST 1967

**GROUP 1 EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION**

NO FOREIGN DISSEM

Approved For

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WARNING

This document contains information affecting the national defense of the United States, within the meaning of Title 18, sections 793 and 794, of the U.S. Code, as amended. Its transmission or revelation of its contents to or receipt by an unauthorized person is prohibited by law.

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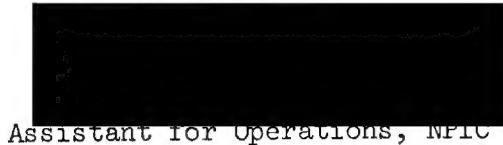
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SECRET NO FOREIGN DISSEMINATION

NPIC/OS-185/67
3 November 1967

MEMORANDUM FOR: Recipients of BLACKSHIELD Mission Reports
SUBJECT : Amendment of BLACKSHIELD Caveats

It is requested that the following reports be stamped "NO FOREIGN DISSEMINATION":

NPIC/R-112/67, June 1967
NPIC/R-115/67, June 1967
NPIC/R-118/67, June 1967
NPIC/R-125/67, July 1967
NPIC/R-132/67, July 1967
NPIC/R-142/67, August 1967
NPIC/R-134/67, July 1967
NPIC/R-137/67, July 1967
NPIC/R-157/67, August 1967



Assistant for Operations, NPIC

25X1A

GROUP 1
Excluded from automatic
downgrading and declassification

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September 1967

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

Notice to Recipients of NPIC/R-142/67

The referenced document on BLACK SHIELD Mission 6708, 13 July 1967, was inadvertently disseminated as an IPIR. The cover should read SUMMARY.

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SEC. CLASS. LOCATION

50514 X

BLACK SHIELD MISSION BX 6708, 13 JULY 67

R-142/67

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BLACK SHIELD MISSION BX 6708, 13 JULY 67

R-142/67

PREFACE

THE FOLLOWING INFORMATION REPRESENTS AN ANALYSIS OF BLACK SHIELD MISSION 6708, DATED 13 JUL 67.

THE HEADER LINE FOR EACH TARGET, READING LEFT TO RIGHT, CONTAINS THE TARGET NAME, COUNTRY CODE, GEOGRAPHIC COORDINATES, AND COMIREX TARGET NUMBER. THE MAPS USED FOR DERIVATION OF COORDINATES ARE AMS SERIES JOG(A) 1501 (1-250,000) AND AMS SERIES L7014 (1-50,000).

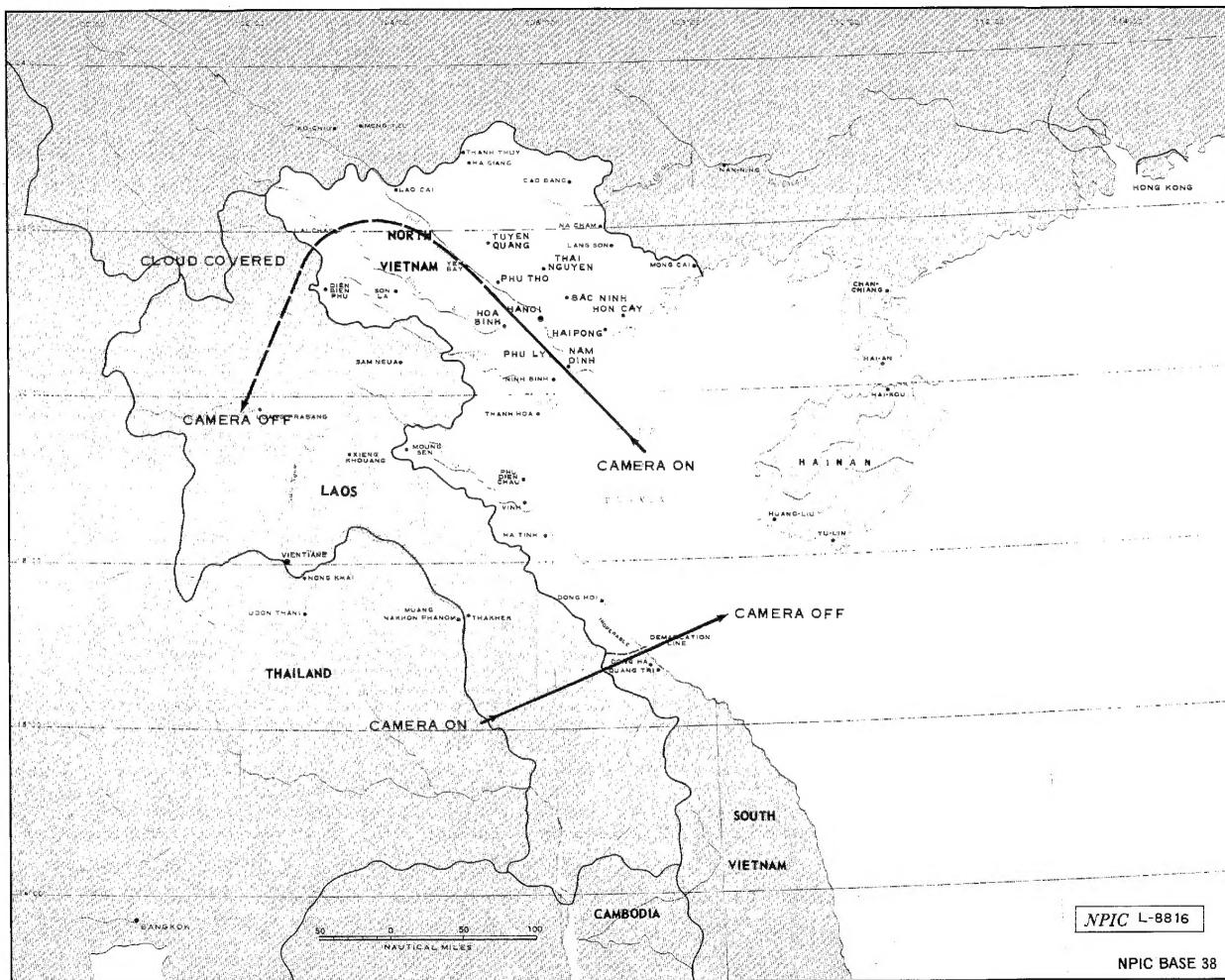
PHOTO REFERENCE DATA INCLUDES FRAME NUMBERS AND SYMBOLS DENOTING LIMITING CONDITIONS, PHOTO INTERPRETABILITY, TARGET COVERAGE, AND MODE.

SYMBOLS FOR LIMITING CONDITIONS AFFECTING PHOTOGRAPHY ARE C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), O (OBLIQUITY), SD (SEMDARKNESS), GC (GROUND COVER), CF (CAMOUFLAGE), AND GR (GROUND RESOLUTION).

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G (GOOD), F (FAIR), OR P (POOR). TARGET COVERAGE IS DENOTED BY T (TOTAL) OR PT (PARTIAL). MODE OF COVERAGE IS INDICATED BY ST (STEREO), NS (NONSTEREO), OR PS (PARTIAL STEREO).

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Highlights

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HIGHLIGHTS

NO EVIDENCE OF OFFENSIVE SURFACE-TO-SURFACE MISSILE EQUIPMENT OR FACILITIES.

A TOTAL OF 71 SA-2 SITES ARE IDENTIFIED. OF THE 71, 5 ARE OCCUPIED, 54 ARE UNOCCUPIED (1 OF WHICH IS NEWLY IDENTIFIED), 10 ARE IDENTIFICATION ONLY, AND 2 SITES WERE DELETED. FOUR MAJOR AIRFIELDS WERE COVERED PROVIDING ORDER OF BATTLE INFORMATION.

HA NOI IS IMAGED ON FAIR QUALITY, OBLIQUE PHOTOGRAPHY. HAI PHONG IS NOT COVERED.

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Missiles

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MISSILES

25X1A

HA NOI SAM SEARCH

VN 2102N 10551E

NO NEW SAM ACTIVITY OBSERVED.

25X1D

HA NOI SAM SITE A10-2 (14)

VN 2101N 10558E

IDENTIFICATION ONLY.

25X1D

HA NOI SAM SITE A19-2 (15)

VN 2055N 10550E

SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE A29-2 (4)

VN 2104N 10541E

SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE B04-2 (5)

VN 2111N 10559E

SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE B12-2 (3)

VN 2056N 10604E

SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE B25-2 (11)

VN 2054N 10536E

SITE IS UNOCCUPIED.

25X1D

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25X1A

HA NOI SAM SITE B29-2 (17)

VN 2104N 10539E

SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE B30-2 (16)

VN 2106N 10539E

SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE C29-2 (6)

VN 2110N 10522E

SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE C30-2 (7)

VN 2113N 10521E

SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE D19-2 (12)

VN 2023N 10547E

SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE B17-2 (1)

VN 2047N 10554E

SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS, AN OCCUPIED GUIDANCE AREA, AN OCCUPIED REVETTED ACQUISITION RADAR POSITION, AND 3 REVETTED MISSILE-HOLD POSITIONS (1 OCCUPIED, 1 POSSIBLY OCCUPIED, AND 1 UNOCCUPIED).

OB -- 6 LAUNCHERS WITH MISSILES, 1 MISSILE ON TRANSPORTER, A FAN SONG RADAR WITH 6 VANS, AND AN ACQUISITION RADAR.

25X1D

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25X1A

HA NOI SAM SITE B21-2 (2)

VN 2051N 10545E

SITE IS UNOCCUPIED.
[REDACTED]

25X1D

HA NOI SAM SITE C28-2 (13)

VN 2105N 10529E

SITE IS UNOCCUPIED.
[REDACTED]

25X1D

HA NOI SAM SITE D31-2 (8)

VN 2121N 10522E

SITE IS UNOCCUPIED.
[REDACTED]

25X1D

HA NOI SAM SITE A11-2 (9)

VN 2100N 10555E

IDENTIFICATION ONLY.
[REDACTED]

25X1D

HA NOI SAM SITE A24-2 (19)

VN 2056N 10543E

SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS,
AN OCCUPIED REVETTED GUIDANCE AREA, AN OCCUPIED
ACQUISITION RADAR POSITION, AND 3 UNOCCUPIED REVETTED
MISSILE-HOLD POSITIONS.

OB -- 6 LAUNCHERS WITH MISSILES, A GUIDANCE RADAR WITH
AT LEAST 5 VANS, AND AN ACQUISITION RADAR.
[REDACTED]

25X1D

HA NOI SAM SITE D31A-2 (28)

VN 2124N 10517E

SITE IS UNOCCUPIED.
[REDACTED]

25X1D

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25X1A

HA NOI SAM SITE D16-2 (24)

VN 2034N 10607E

SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE D31B-2 (29)

VN 2123N 10520E

SITE IS UNOCCUPIED.

25X1D

YEN BAI SAM SITE C14-2 (122)

VN 2128N 10509E

SITE HAS BEEN RETURNED TO AGRICULTURE AND WILL NO LONGER BE REPORTED BY NPIC.

25X1D

YEN BAI SAM SITE B12-2 (116)

VN 2136N 10507E

SITE IS UNOCCUPIED.

25X1D

YEN BAI SAM SITE B11-2 (194)

VN 2146N 10513E

IDENTIFICATION ONLY.

25X1D

YEN BAI SAM SITE C07-2 (202)

VN 2144N 10515E

IDENTIFICATION ONLY.

25X1D

YEN BAI SAM SITE C09-2 (206)

VN 2144N 10518E

IDENTIFICATION ONLY.

25X1D

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R-14Z/67
25X1A

YEN BAI SAM SITE C17-2 (208)

VN 2123N 10517E

SITE IS UNOCCUPIED.

25X1D

THANH HOA SAM SITE C02-2 (23)

VN 2009N 10554E

IDENTIFICATION ONLY.

25X1D

THANH HOA SAM SITE D04-2 (42)

VN 2016N 10606E

SITE IS UNOCCUPIED.

25X1D

THANH HOA SAM SITE C03-2 (46)

VN 2013N 10559E

SITE IS UNOCCUPIED.

25X1D

THANH HOA SAM SITE C02A-2 (65)

VN 2010N 10553E

SITE IS UNOCCUPIED.

25X1D

THANH HOA SAM SITE C04-2 (68)

VN 2011N 10604E

SITE IS UNOCCUPIED.

25X1D

THANH HOA SAM SITE D02-2 (69)

VN 2025N 10601E

SITE IS UNOCCUPIED.

25X1D

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25X1A

THANH HOA SAM SITE C01-2 (77)

VN 2013N 10551E

SITE IS UNOCCUPIED.

25X1D

THANH HOA SAM SITE D03-2 (79)

VN 2021N 10604E

SITE IS UNOCCUPIED.

25X1D

THANH HOA SAM SITE D03A-2 (80)

VN 2021N 10600E

SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE B30A-2 (43)

VN 2108N 10535E

SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE C30A-2 (44)

VN 2112N 10521E

SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE A17A-2 (45)

VN 2052N 10554E

SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE C30C-2 (51)

VN 2114N 10523E

SITE IS UNOCCUPIED.

25X1D

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25X1A

HA NOI SAM SITE B33-2 (64)

VN 2110N 10544E

SITE IS UNOCCUPIED.
[REDACTED]

25X1D

HA NOI SAM SITE C13-2 (81)

VN 2045N 10613E

SITE IS UNOCCUPIED.
[REDACTED]

25X1D

HA NOI SAM SITE C30D-2 (92)

VN 2112N 10530E

SITE IS UNOCCUPIED.
[REDACTED]

25X1D

HA NOI SAM SITE C30E-2 (114)

VN 2111N 10521E

SITE IS UNOCCUPIED.
[REDACTED]

25X1D

HOA BINH SAM SITE B17-2 (170)

VN 2030N 10525E

IDENTIFICATION ONLY.
[REDACTED]

25X1D

HAI PHONG SAM SITE D22-2 (152)

VN 2024N 10624E

SITE IS UNOCCUPIED.
[REDACTED]

25X1D

HAI PHONG SAM SITE C21-2 (157)

VN 2024N 10630E

IDENTIFICATION ONLY.
[REDACTED]

25X1D

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25X1A

HAI PHONG SAM SITE D23-2 (174)

VN 2028N 10614E

SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE C33-2 (120)

VN 2118N 10537E

SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE A01-2 (133)

VN 2107N 10552E

IDENTIFICATION ONLY.

25X1D

HA NOI SAM SITE A14-2 (142)

VN 2056N 10558E

SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE C32-2 (143)

VN 2119N 10531E

SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE B32-2 (146)

VN 2115N 10535E

SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE C17-2 (147)

VN 2036N 10601E

SITE IS UNOCCUPIED.

25X1D

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25X1A

HA NOI SAM SITE A31-2 (159)

VN 2104N 10546E

SITE CONSISTS OF 6 POSSIBLY OCCUPIED REVETTED LAUNCH POSITIONS, AN OCCUPIED CENTRAL GUIDANCE AREA, AND AN OCCUPIED ACQUISITION RADAR POSITION.

OB -- 6 POSSIBLE LAUNCHERS AND MISSILES, A GUIDANCE RADAR WITH AT LEAST 4 VANS, AND AN ACQUISITION RADAR.

25X1D

HA NOI SAM SITE C17A-2 (161)

VN 2037N 10557E

SITE CONSISTS OF 5 OCCUPIED REVETTED LAUNCH POSITIONS, 1 UNOCCUPIED REVETTED LAUNCH POSITION, A REVETTED GUIDANCE AREA (PROBABLY OCCUPIED), AND AN OCCUPIED ACQUISITION RADAR POSITION.

OB -- 5 LAUNCHERS WITH MISSILES, A PROBABLE FAN SONG RADAR WITH AT LEAST 4 VANS, AND AN ACQUISITION RADAR.

25X1D

HA NOI SAM SITE E22-2 (164)

VN 2026N 10529E

IDENTIFICATION ONLY.

25X1D

HA NOI SAM SITE C17B-2 (165)

VN 2033N 10600E

SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE C16-2 (166)

VN 2041N 10605E

SITE IS UNOCCUPIED.

25X1D

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25X1A

HA NOI SAM SITE A05-2 (158) VN 2108N 10558E

SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE D31C-2 (131) VN 2124N 10517E

SITE IS UNOCCUPIED.

25X1D

THANH HOA SAM SITE C04B-2 (172) VN 2008N 10602E

SITE HAS BEEN RETURNED TO CULTIVATION AND WILL NO LONGER BE REPORTED BY NPIC.

25X1D

THANH HOA SAM SITE C01A-2 (163) VN 2014N 10548E

SITE IS UNOCCUPIED.

25X1D

THANH HOA SAM SITE C04A-2 (155) VN 2009N 10600E

SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE B27-2 (180) VN 2059N 10533E

SITE IS UNOCCUPIED. AT LEAST 8 BOMB CRATERS OBSERVED WITHIN THE SITE.

25X1D

HA NOI SAM SITE B13-2 (184) VN 2050N 10605E

SITE IS UNOCCUPIED.

25X1D

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25X1A

HA NOI SAM SITE B28-2 (189)

VN 2101N 10532E

SITE CONSISTS OF 4 OCCUPIED UNREVETTED LAUNCH POSITIONS
AND AN OCCUPIED UNREVETTED GUIDANCE AREA.

OB -- 4 LAUNCHERS WITH MISSILES AND A GUIDANCE RADAR
WITH 4 VANS.

25X1D

VINH LINH SAM SITE A25-2 (177)

VN 1701N 10655E

SITE IS UNOCCUPIED.

25X1D

VINH LINH SAM SITE A26-2 (187)

VN 1701N 10654E

SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE (211)

VN 2108N 10527E NO COMRX

SITE IS UNOCCUPIED.

25X1D

HOA BINH SAM SITE (212) (NEW)

VN 2052N 10533E NO COMRX

12.2 NM ENE OF HOA BINH.
NEWLY IDENTIFIED SITE CONSISTS OF 3 UNOCCUPIED
UNREVETTED LAUNCH POSITIONS AND AN UNOCCUPIED
UNREVETTED GUIDANCE AREA.

OB -- NONE OBSERVED.

25X1D

HOA BINH SAM SITE (210)

VN 2053N 10523E NO COMRX

SITE IS UNOCCUPIED.

25X1D

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**Air
Facilities**

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AIR FACILITIES

25X1A

HANOI/BAC MAI AIRFIELD

VN 2059N 10550E

25X1D NO APPARENT CHANGE SINCE MISSION
OB -- 1 DERELICT AIRCRAFT IN HANGAR.

25X1D [REDACTED]

HANOI/GIA LAM AIRFIELD

VN 2102N 10553E

25X1D NO APPARENT CHANGE SINCE [REDACTED]
OB -- 6 FAGOT/FRESCO, 3 POSSIBLE FAGOT/FRESCO, 1 PROBABLE COKE, 1 CRATE, 1 CAB (WITHOUT WINGS), 3 COLT, 1 HOOK, 1 HOUND, AND 1 POSSIBLE AIRCRAFT.

25X1D [REDACTED]

PHUC YEN AIRFIELD

VN 2113N 10548E

25X1D NO APPARENT CHANGE IN CLOUD-FREE AREAS SINCE [REDACTED]

25X1D OB -- 2 POSSIBLE FISHBED.

25X1D [REDACTED]

YEN BAI AIRFIELD

VN 2143N 10451E

25X1D NO APPARENT CHANGE IN CLOUD-FREE AREAS SINCE [REDACTED]

25X1D [REDACTED]

25X1D [REDACTED]

HOA LAC AIRFIELD

VN 2101N 10530E

1.4 NM WNW OF HOA LOC AND 6.3 NM SOUTH OF SON TAY.
AIRFIELD CONSISTS OF ONE 7,400 X 180 FT NW/SE PSP RUNWAY AND A PARALLEL PSP TAXIWAY WITH 2 END-CONNECTING AND 2 CROSSOVER LINKS, AND A PROBABLE 7,000 X 180 FT ENE/WSW DISPERSAL TAXIWAY UNDER CONSTRUCTION WEST FROM RUNWAY TO A PROBABLE AIRCRAFT DISPERSAL AREA UNDER CONSTRUCTION.

SIX COMPLETE EARTHEN AIRCRAFT REVETMENTS (45 X 90 FT) AND 1 LARGER AIRCRAFT REVETMENT ARE LOCATED ON SOUTH SIDE OF A SECOND DISPERSAL TAXIWAY EXTENDING SW FROM NW

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END OF RUNWAY. ADDITIONAL FACILITIES INCLUDE 5 EARTHERN AIRCRAFT REVETMENTS (45 X 90 FT) ON EACH END OF RUNWAY, 3 ASPHALT PARKING APRONS, AND APPROXIMATELY 40 SMALLER VEHICLE/EQUIPMENT REVETMENTS DISPERSED THROUGHOUT THE AIRFIELD AREA.

NO PERMANENT CONTROL/OPERATIONAL BUILDINGS, HANGERS, AIRCRAFT SUPPORT BUILDINGS, CONVENTIONAL AMMUNITION OR POL STORAGE, OR PERTINENT CONSTRUCTION PREPARATIONS ARE OBSERVED. A WEATHER STATION IS LOCATED AT UTM WJ518159. AN AW/GCI RADAR SITE 3.7 NM NE OF RUNWAY AT WJ555304 CONSISTS OF 2 UNOCCUPIED RADAR MOUNDS AND AT LEAST 6 UNOCCUPIED VEHICLE REVETMENTS. FIVE COMPONENTS OF AN ILS SYSTEM ARE IDENTIFIED -- A POSSIBLE OUTER MARKER BEACON 2.9 NM NW OF RUNWAY WITH 2 REVETMENTS (WITH GENERATOR AND VAN TRUCK) AT WJ473300, AN OUTER MARKER BEACON 2.9 NM SE OF SE END OF RUNWAY WITH 2 REVETMENTS (UNOCCUPIED) AT WJ567211, AN INNER BEACON 0.7 NM SE OF SE END OF RUNWAY AT WJ538239 WITH 2 REVETMENTS (WITH GENERATOR AND VAN TRUCK), AND AN INNER BEACON 0.5 NM NW OF NW END OF RUNWAY AT WJ505267 WITH 3 VEHICLE REVETMENTS (WITH GENERATOR AND 2 VAN TRUCKS). A GLIDE SLOPE TRANSMITTER SITE AT WJ517265 CONSISTS OF 2 UNOCCUPIED REVETMENTS.
AIRFIELD HAS BEEN SUBJECTED TO AIR STRIKE WITH 6 CRATERS IN RUNWAY.
OB -- 2 FAGOT/FRESCO (1 WITH TAIL SECTION REMOVED) AND 2 DUMMY/DECOY AIRCRAFT OBSERVED.

(SEE ATTACHMENT 1)

25X1D

THO KHOI HELICOPTER DISPERSAL AREA

VN 2100N 10554E NO COMRX

OB -- 2 HOOK.

25X1D

HA NOI HELICOPTER DISPERSAL AREA

VN 2105N 10549E NO COMRX

OB -- 3 HOOK.

25X1D

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TONG AIRFIELD

VN 2106N 10527E NO COMRX

0.3 NM EAST OF NUI DOI KIEN.
3,100 X 210 FT WNW/ESE SOD RUNWAY, POSSIBLY
SERVICEABLE. RUNWAY IS CURRENTLY BEING UTILIZED AS A
DRIVER-TRAINING COURSE.
OB -- NONE OBSERVED.

25X1D

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**Naval
Activity /
Ports**

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NAVAL ACTIVITY/PORTS

PHU LY RAIL TRANSSHIPMENT POINT SONG DAY VN 2031N 10555E NO COMRX

1 NM SOUTH OF PHU LY AT UTM WH957690. AREA, SERVED BY A ROAD FROM ROUTE 1A, HAS BEEN SUBJECTED TO AIR STRIKE WITH RAIL SPUR INTERDICITED IN AT LEAST 2 PLACES AND ALL ASSOCIATED SUPPORT AND STORAGE BUILDINGS DESTROYED OR SEVERELY DAMAGED. ACTIVITY -- 27 PIECES OF ROLLING STOCK AND 1 PROBABLE CRANE/POWER SHOVEL.

25X1D

[REDACTED]

HOA LOAN BOAT YARD VN 2116N 10526E NO COMRX

1.3 NM NW OF HOA LOAN ON THE EAST BANK OF THE RED RIVER.

BOAT YARD CONSISTS OF A SECURED AREA CONTAINING A SINGLE MARINE RAILWAY AND 27 BUILDINGS, INCLUDING A COVERED WINCH HOUSE, SEVERAL PROBABLE SHOPS, AND 4 PROBABLE BARRACKS. THE FACILITY IS SERVED BY A GOOD ROAD TO NATIONAL ROUTE 2.

25X1D

**Electronics/
Communications**

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ELECTRONICS/COMMUNICATIONS

HA NOI HF TELECOMMUNICATION SITE PHU COC VN 2051N 10553E NO COMRX

10.5 NM SSE OF HA NOI AND 0.6 NM SE OF PHU COC AT UTM WJ926066.

FACILITY CONSISTS OF AN ADMINISTRATION/CONTROL AREA AND A SUPPORT AREA SURROUNDED BY AN ANTENNA FARM WITH 6 FISHBONE ANTENNAS, 6 HORIZONTAL DIPOLE ANTENNAS, AND 8 VEE ANTENNAS. THE ADMINISTRATION/CONTROL AREA IS SECURED AND CONTAINS 1 MULTIWING CONTROL BUILDING, AND 2 LARGE AND 4 SMALL BUILDINGS. THE SUPPORT AREA CONTAINS 4 BARRACKS, 1 MESSHALL, 1 AUDITORIUM, 8 SUPPORT, AND 5 SMALL BUILDINGS.

25X1D

HA DONG RADAR SITE VN 2056N 10547E NO COMRX

1.5 NM SE OF HA DONG AT UTM WJ826165.
SITE IS UNOCCUPIED.

25X1D

HA NOI RADIO TRANSMISSION STATION DAI MO VN 2058N 10546E NO COMRX

0.9 NM SE OF DAI MO AND 5.7 NM SW OF HA NOI RAILROAD CLASSIFICATION YARDS AT UTM WJ795201.
FACILITY CONSISTS OF 2 CONTROL AREAS AND A SUPPORT AREA SURROUNDED BY AN ANTENNA FIELD WITH 2 SETS OF DOUBLE RHOMBIC ANTENNAS IN DAY/NIGHT PAIRS, 2 DOUBLE RHOMBIC ANTENNAS, 6 SINGLE RHOMBIC ANTENNAS, 4 VEE ANTENNAS, AND 12 HORIZONTAL DIPOLE ANTENNAS. AN ADDITIONAL SINGLE RHOMBIC ANTENNA, OBSERVED UNDER CONSTRUCTION ON

25X1D

HAS NOT BEEN COMPLETED.
CONTROL AND SUPPORT AREAS ARE CONTAINED IN 3 SEPARATE AREAS.

AREA A (WJ795201) -- THE CONTROL AREA IS WALL SECURED AND CONTAINS A DOUBLE-WALLED TRANSMITTER BUILDING, A CIRCULAR PROBABLE PERSONNEL BUNKER, 8 SUPPORT BUILDINGS, AND 2 COOLING PONDS. A GROUND SCAR HAS BEEN EXTENDED SINCE [REDACTED] NE TO WJ803214.

25X1D

AREA B (WJ798204) -- A SECURED SUPPORT AREA IMMEDIATELY NE OF AREA A CONTAINS 4 PROBABLE BARRACKS, 1 MESSHALL, AND 10 SUPPORT BUILDINGS.

AREA C (WJ795197) -- A SECURED AREA SOUTH OF AREA A CONTAINS A BUNKERED ALTERNATE CONTROL BUILDING AND A

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BUNKERED SUPPORT BUILDING.

25X1D

HA DONG COMMUNICATIONS FACILITY VN 2058N 10547E NO COMRX

1.1 NM EAST OF HA DONG AND 3.5 NM SW OF THE HA NOI RAILROAD CLASSIFICATION YARDS AT UTM WJ830194. FACILITY CONSISTS OF A WALL-SECURED CONTROL AREA CONTAINING 1 CONTROL BUILDING, 6 SUPPORT BUILDINGS, A WATER TOWER, AND A COOLING POND. AN ANTENNA FIELD TO THE SE CONTAINS 1 LARGE AND 1 SMALL DOUBLE RHOMBIC ARRANGED AS A PAIR FOR DAY/NIGHT OPERATIONS, AND 6 HORIZONTAL DIPOLES, 4 OF WHICH ARE ARRANGED IN PAIRS FOR DAY/NIGHT OPERATIONS.

25X1D

HOA LAC AIRFIELD ILS COMPONENT VN 2059N 10532E NO COMRX

25X1D

NO APPARENT CHANGE SINCE

25X1D

HA DONG AW/GCI SITE VN 2059N 10543E NO COMRX

2.6 NM NW OF HA DONG AND 5.2 NM WEST OF HANOI/BAC MAI AIRFIELD. SITE CONSISTS OF A BAR LOCK-TYPE RADAR ON MOUND WITH 4 ASSOCIATED CAMOUFLAGED REVETTED VEHICLES, A PROBABLE SIDE NET RADAR ON MOUND WITH 2 ASSOCIATED CAMOUFLAGED REVETTED VEHICLES, 1 ADDITIONAL REVETTED VAN TRUCK, AND 1 EMPTY REVETMENT.
OB -- 1 BAR LOCK-TYPE AND 1 SIDE NET RADAR.

(SEE ATTACHMENT 2)

25X1D

HA NOI RADIO BROADCAST STATION ME TRI VN 2059N 10547E NO COMRX

4.3 NM SW OF HA NOI RAILROAD CLASSIFICATION YARD AT UTM WJ819217. FACILITY CONSISTS OF A HIGH FREQUENCY TRANSMITTER SITE

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WITH A DOUBLE-WALLED CONTROL BUILDING, A BUNKERED SUPPORT BUILDING, A DOUBLE-WALLED GENERATOR BUILDING, A COOLING POND, 4 DOUBLE RHOMBIC ANTENNAS IN DAY/NIGHT PAIRS, AND 7 HORIZONTAL DIPOLE ANTENNAS. ADDITIONAL SUPPORT FACILITIES INCLUDE AT LEAST 25 BUILDINGS.

25X1D

[REDACTED]

HA NOI RADIO RECEIVING STATION SON DONG VN 2102N 10541E NO COMRX

8.6 NM WNW OF HA NOI RAILROAD CLASSIFICATION YARD AT UTM WJ718275.

STATION CONSISTS OF A CONTROL/SUPPORT AREA SURROUNDED BY AN ANTENNA FIELD WITH 3 LARGE AND 3 SMALL DOUBLE RHOMBIC ANTENNAS ARRANGED IN PAIRS FOR DAY/NIGHT OPERATIONS, 2 OTHER DOUBLE RHOMBICS, 6 SINGLE RHOMBICS, AND 6 HORIZONTAL DIPOLE ANTENNAS. THE CONTROL/SUPPORT AREA IS SECURED BY A FENCE AND CONTAINS 17 SUPPORT BUILDINGS. A PERSONNEL BUNKER IS LOCATED IMMEDIATELY NE.

25X1D

[REDACTED]

HA NOI RADIO COMMUNICATION STATION NORTHWE VN 2103N 10548E NO COMRX

3.6 NM NW OF HA NOI AT UTM WJ837293.

COMMUNICATION STATION CONSISTS OF 3 PROBABLE HORIZONTAL DIPOLE ANTENNAS AND A SECURED CONTROL/SUPPORT AREA IMMEDIATELY NE OF THE ANTENNA FIELD CONTAINING AT LEAST 20 BARRACKS/SUPPORT BUILDINGS.

25X1D

[REDACTED]

XOM NGOAI RADAR FACILITY NEW VN 2036N 10602E NO COMRX

13.9 NM NW OF NAM DINH AT UTM XH087786.

NEWLY IDENTIFIED UNOCCUPIED AW/GCI RADAR FACILITY. CONSISTS OF A RADAR MOUND AND 3 VEHICLE REVETMENTS. TWO ADDITIONAL REVETMENTS ARE LOCATED AT XH084787 AND XH088789.

(SEE ATTACHMENT 3)

25X1D

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**Military
Activity**

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MILITARY ACTIVITY

25X1A

HA NOI/LAO CAI RR SEGMENT 2

VN 2200N 10433E

ENTIRE SEGMENT COVERED. FOLLOWING ACTIVITY OBSERVED IN CLOUD-FREE AREAS -- RAIL BY-PASS UNDER CONSTRUCTION AT 21-54-45N 104-36-08E, SERVICEABLE RAIL BY-PASS AND ORIGINAL RAILROAD BRIDGE UNSERVICEABLE AT 21-57-50N 104-36-08E, RAIL BY-PASS AT 22-04-30N 104-28-20E, 1 LOCOMOTIVE AND 18 PIECES OF ROLLING STOCK AT 22-08-30N 104-23-32E, RAIL BY-PASS UNDER CONSTRUCTION AT 22-08-35N 104-32-20E.

25X1D

HA NOI/LAO CAI RR SEGMENT 1

VN 2220N 10410E

SOUTH 5 PERCENT OF SEGMENT COVERED. NO ACTIVITY OBSERVED.

25X1D

HA NOI/LAO CAI RR SEGMENT 3

VN 2140N 10456E

ENTIRE SEGMENT IS COVERED. FOLLOWING ACTIVITY OBSERVED IN CLOUD-FREE AREAS -- 4 PIECES OF ROLLING STOCK AND RAIL INTERDICTION AT 21-33-30N 105-00-30E, RAIL BY-PASS UNDER CONSTRUCTION AT 21-34-10N 105-00-08E, RAIL BY-PASS UNDER CONSTRUCTION AT 21-40-20N 104-56-12E, 14 PIECES OF ROLLING STOCK AND RAIL INTERDICTIONS AT YEN BAI RAILROAD YARD AT 21-42-00N 104-53-00E, RAIL BY-PASS AT 21-59-05N 104-45-45E.

25X1D

HA NOI/LAO CAI RR SEGMENT 4

VN 2120N 10520E

ENTIRE SEGMENT COVERED. ROUTE IS UNSERVICEABLE. APPROXIMATELY 60 PIECES OF ROLLING STOCK OBSERVED.

25X1D

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25X1A

HA NOI/LAO CAI RR SEGMENT 5

VN 2110N 10548E

IDENTIFICATION ONLY.

25X1D

CHI NE ARMY BARRACKS

VN 2029N 10547E NO COMRX

0.9 NM SE OF CHI NE AT UTM WH828650.
SECURED MILITARY INSTALLATION CONTAINS 23 BARRACKS AND
5 SMALL SUPPORT BUILDINGS. APPROXIMATELY 35 BUILDINGS
ARE DESTROYED OR ARE IN THE PROCESS OF BEING
DISMANTLED.

25X1D

LANG COC ARMY BARRACKS

VN 2032N 10549E NO COMRX

AT LANG COC AT UTM WH853724.
AREA CONTAINS 12 BARRACKS, 2 ADMINISTRATION, 6 STORAGE,
1 MESSHALL, AND 8 MISCELLANEOUS SUPPORT BUILDINGS.

25X1D

PHU LY MILITARY INSTALLATIONS

VN 2032N 10556E NO COMRX

FIVE INSTALLATIONS REFERENCED FROM PHU LY.
AREA A (1.5 NM SOUTH AT UTM WH958696) -- MAJORITY OF
BUILDINGS HAVE BEEN DESTROYED BY AIR STRIKES, WITH ONLY
1 LARGE ADMINISTRATION AND 2 MISCELLANEOUS BUILDINGS
REMAINING.
AREA B (1 NM WEST AT UTM WH945715) -- 9 BARRACKS, 1
ADMINISTRATION, 1 MESSHALL, AND 3 MISCELLANEOUS
BUILDINGS.
AREA C (2 NM WNW AT UTM WH932730) -- 14 BARRACKS, 4
ADMINISTRATION, AND 10 MISCELLANEOUS BUILDINGS.
AREA D (1.5 NM NORTH AT UTM WH962735) -- NO
MILITARY-TYPE BUILDINGS REMAIN IN AREA.
AREA E (1.1 NM SE AT UTM WH962735) -- 9 BARRACKS AND 1
ADMINISTRATION BUILDING.

25X1D

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BA LAM ARMY SUPPLY DEPOT SW

VN 2040N 10539E NO COMRX

1 NM SSW OF BA LAM AT UTM WH686852.
DEPOT CONTAINS 14 MULTISTORY BARRACKS, 12 ADDITIONAL
BARRACKS, 1 MULTISTORY ADMINISTRATION, 7 STORAGE (3
LARGE AND 4 SMALL), 5 MESSHALL, AND APPROXIMATELY 10
SMALL SUPPORT BUILDINGS.

25X1D

PHU YEN MILITARY INSTALLATION

VN 2048N 10542E NO COMRX

0.5 NM WEST OF PHU YEN AT UTM WJ737002.
SMALL SECURED INSTALLATION CONTAINS 4 SMALL BARRACKS, 1
ADMINISTRATION, 2 POSSIBLE VEHICLE SHEDS, AND 3 SUPPORT
BUILDINGS.

25X1D

THUONG LAM MILITARY AREAS

VN 2049N 10539E NO COMRX

THREE MILITARY AREAS REFERENCED FROM THUONG LAM.
AREA A (1.4 NM NW AT UTM WJ692020) -- 15 BARRACKS, 2
ADMINISTRATION, 4 MESSHALL, 9 VEHICLE SHEDS, AND 12
SUPPORT BUILDINGS, AND A SMALL ARMS RANGE.
AREA B (1.4 NM WNW AT UTM WJ684005) -- 2 BARRACKS, 1
ADMINISTRATION, AND 5 SUPPORT/STORAGE BUILDINGS, AND A
SMALL DRIVER-TRAINING AREA WITH 1 TRUCK IN TRAINING.
AREA C (1 NM WNW AT UTM WJ661030) -- 6 SMALL BUILDINGS
REMAIN.

25X1D

NINH DUONG ARMY BARRACKS SW NGA MY

VN 2052N 10546E NO COMRX

1.5 NM SOUTH OF NINH DUONG AT UTM WJ791072.
SECURED INSTALLATION CONTAINS 41 BARRACKS, 1
ADMINISTRATION, 3 MESSHALL, 7 STORAGE, 3 REVETTED
STORAGE, AND 11 SMALL SUPPORT BUILDINGS AND AN ATHLETIC
FIELD.

25X1D

SECRET

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VAN TRAI MILITARY AREAS

VN 2052N 10552E NO COMRX

FOUR MILITARY INSTALLATIONS REFERENCED FROM VAN TRAI.
AREA A (0.3 NM WEST AT UTM WJ883076) -- SECURED AREA
CONTAINS 7 BARRACKS, 3 MULTIWING ADMINISTRATION AND 3
MISCELLANEOUS SUPPORT BUILDINGS (ADDITIONAL BUILDINGS
PREVIOUSLY REPORTED HAVE BEEN DISMANTLED).
AREA B (0.8 NM EAST AT UTM WJ899078) -- SECURED AREA
CONTAINS 19 BARRACKS, 2 MESSHALL, 1 FIELDHOUSE, AND 5
SUPPORT BUILDINGS.
AREA C (0.8 NM ESE AT UTM WJ902073) -- SECURED AREA
CONTAINS 15 BARRACKS, 2 ADMINISTRATION, 1 MESSHALL, AND
4 SMALL MISCELLANEOUS BUILDINGS.
AREA D (0.6 NM EAST AT UTM WJ897074) -- 2 ADJACENT
SECURED AREAS. SOUTH AREA CONTAINS 6 LARGE AND 5 SMALL
STORAGE BUILDINGS. NORTH AREA CONTAINS 5 BARRACKS, 1
ADMINISTRATION, 3 LARGE STORAGE, AND 4 SMALL SUPPORT
BUILDINGS.

25X1D

THUONG DINH ARMY BARRACKS NORTH

VN 2054N 10551E NO COMRX

0.7 NM NORTH OF THUONG DINH AT UTM WJ888118.
AREA CONTAINS 30 BARRACKS (4 DAMAGED), 1
ADMINISTRATION, 3 MESSHALL (1 DAMAGED), 6 STORAGE, 2
REVETTED PROBABLE AMMUNITION STORAGE, AND 15 SMALL
SUPPORT BUILDINGS.

25X1D

CHUC SON ARMY BARRACKS NORTH

VN 2056N 10543E NO COMRX

25X1D

NO APPARENT CHANGE SINCE

25X1D

VAN LA STORAGE DEPOT SOUTH

VN 2056N 10545E NO COMRX

2.1 NM SW OF HA DONG AT UTM WJ789157.
SECURED AREA CONTAINS 4 LARGE AND 3 SMALLER WAREHOUSES
AND 1 LARGE SUPPORT BUILDING, ALL IN THE PROCESS OF
BEING DISMANTLED. ONE MESSHALL AND 8 SUPPORT BUILDINGS
REMAIN.

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25X1D

VAN DIEN ARMY SUPPLY DEPOT

VN 2056N 10551E NO COMRX

0.8 NM SOUTH OF VAN DIEN AT UTM WJ883150.
 COMPLEX CONSISTS OF 2 BARRACKS AREAS, 2 BARRACKS AND
 STORAGE AREAS, AND 1 STORAGE AREA. DEPOT HAS BEEN
 SUBJECTED TO AIR STRIKES.
 AREA A (UTM WJ880156) -- 2 LARGE WAREHOUSES DESTROYED,
 1 LARGE WAREHOUSE DAMAGED, AND 4 SUPPORT BUILDINGS
 REMAIN.
 AREA B (UTM WJ883154) -- SECURED AREA CONTAINS 4
 BARRACKS, 1 ADMINISTRATION, AND 3 SUPPORT BUILDINGS.
 AREA C (UTM WJ880152) -- AREA CONTAINS 15 BARRACKS (4
 DAMAGED) AND 17 SMALL SUPPORT BUILDINGS (SEVERAL
 ADDITIONAL BUILDINGS ARE DESTROYED/DISMANTLED).
 AREA D (UTM WJ882146) -- AREA CONTAINS 20 BARRACKS, 3
 MULTISTORY ADMINISTRATION (2 E-SHAPED), AND 1 LARGE
 STORAGE BUILDING.
 AREA E (UTM WJ885148) -- AREA CONTAINS 5 BARRACKS, 4
 DESTROYED/DISMANTLED BARRACKS, 1 ADMINISTRATION, 10
 LARGE STORAGE, 4 DESTROYED LARGE STORAGE, 5 SEVERELY
 DAMAGED LARGE STORAGE AND 3 SUPPORT BUILDINGS.

25X1D

XUAN MAI ARMY BARRACKS NNW HOA MUC

VN 2057N 10534E NO COMRX

1 NM NORTH OF XUAN MAI.
 AREA HAS BEEN SUBJECTED TO AIR STRIKE WITH 37 BUILDINGS
 DESTROYED OR IN PROCESS OF BEING DISMANTLED. ONE
 BARRACKS, 4 VEHICLE SHEDS, AND 2 REVETTED STORAGE
 BUILDINGS REMAIN.

25X1D

HA DONG ARMY BARRACKS SW

VN 2057N 10545E NO COMRX

2 NM SW OF HA DONG AT UTM WJ780170.
 SECURED BARRACKS AREA CONTAINS 21 BARRACKS, 4
 ADMINISTRATION, 2 MESSHALL, 5 VEHICLE SHEDS, AND 16
 STORAGE/SUPPORT BUILDINGS.

25X1D

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HA DONG ARMY BARRACKS

VN 2058N 10546E NO COMRX

0.9 NM WNW OF HA DONG AT UTM WJ804192.
INSTALLATION CONTAINS 9 BARRACKS, 2 ADMINISTRATION, 25
STORAGE, 6 AMMUNITION STORAGE, 3 MESSHALL, AND
APPROXIMATELY 20 MISCELLANEOUS BUILDINGS.

25X1D

HA DONG ARMY SUPPLY DEPOT

VN 2058N 10547E NO COMRX

0.8 NM NE OF HA DONG AT UTM WJ826198.
INSTALLATION CONSISTS OF 34 MULTISTORY BARRACKS (4
DAMAGED), 12 ADMINISTRATION (3 DAMAGED), 3 MESSHALL, 4
LARGE DAMAGED STORAGE, AND APPROXIMATELY 25
STORAGE/SUPPORT BUILDINGS AND APPROXIMATELY 115
STRUCTURES DESTROYED OR DISMANTLED.

25X1D

NAM DINH PETROLEUM PRODUCTS STORAGE

VN 2024N 10610E NO COMRX

ALL 7 ABOVEGROUND STORAGE TANKS AND 4 SUPPORT BUILDINGS
ARE DESTROYED. THREE SUPPORT BUILDINGS AND 1
MONITOR-ROOFED BUILDING REMAIN.

25X1D

NAM DINH MILITARY CAMP

VN 2025N 10612E NO COMRX

SECURED AREA AT UTM XH248579 CONTAINS 10 BARRACKS, 1
ADMINISTRATION, 1 LONG VEHICLE SHED, AND 13 SMALL
SUPPORT/STORAGE BUILDINGS.

25X1D

YEN KHOAI ARMY BKS AND AMMO DEPOT

VN 2100N 10522E NO COMRX

1 NM WSW OF YEN KHOAI AT UTM WJ397405.
ALL BUILDINGS DESTROYED OR DISMANTLED.

25X1D

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SON DONG MILITARY BARRACKS SW VN 2101N 10529E NO COMRX

0.5 NM NNW OF QUAN THON AT UTM WJ503231.
AREA CONTAINS 2 BARRACKS AREAS WITH A TOTAL OF 16
BARRACKS (3 DAMAGED), 1 DAMAGED MESSHALL, A SECURED
MOTOR POOL WITH 2 VEHICLE SHEDS, AND 13 SMALL SUPPORT
BUILDINGS.

25X1D

[REDACTED]

HA NOI ARMY BARRACKS WEST MAI DICH VN 2102N 10547E NO COMRX

THREE POSSIBLE MILITARY AREAS ON EAST AND WEST EDGES OF
MAI DICH.
AREA A (WEST EDGE OF MAI DICH) -- 3 FENCED SUB AREAS
CONTAIN 19 MULTISTORY BARRACKS-TYPE, 8 MULTISTORY
ADMINISTRATION, AND NUMEROUS SMALL SUPPORT BUILDINGS.
AREA B (EAST EDGE OF MAI DICH) -- BARRACKS AREA
CONTAINS 75 BARRACKS (12 MULTISTORY), 7
ADMINISTRATION/SUPPORT, 4 ADMINISTRATION (1
MULTISTORY), 2 LARGE MESSHALL, AND NUMEROUS
MISCELLANEOUS BUILDINGS.
AREA C (0.5 NM EAST OF MAI DICH) -- SECURED AREA
CONTAINS 12 BARRACKS, 4 ADMINISTRATION, AND 20 SUPPORT
BUILDINGS.

25X1D

[REDACTED]

SON DONG ARMY BARRACKS AND SCHOOL VN 2103N 10531E NO COMRX

1.2 NM SSE OF SON DONG AT UTM WJ540283.
BARRACKS AREA CONTAINS 42 BARRACKS (5 HEAVILY DAMAGED),
5 U-SHAPED BARRACKS, 11 L-SHAPED BARRACKS (1 DAMAGED),
14 TWO-STORY BARRACKS (3 SEVERELY DAMAGED), 3
ADMINISTRATION (1 DAMAGED), 2 REVETTED STORAGE, 4
VEHICLE SHEDS, AND APPROXIMATELY 30 SMALL SUPPORT
BUILDINGS, AND A SMALL-ARMS FIRING RANGE AND AN
ATHLETIC FIELD.

25X1D

[REDACTED]

SON DONG STORAGE VN 2104N 10530E NO COMRX

0.8 NM NW OF SON DONG AT UTM WJ524317.
AREA CONTAINS A TOTAL OF 11 BARRACKS (2 U-SHAPED
TWO-STORY), 1 MULTISTORY ADMINISTRATION, 12 STORAGE,

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AND 10 SMALL SUPPORT BUILDINGS.

25X1D

DAN HOI ARMY BARRACKS SOUTH

VN 2104N 10543E NO COMRX

1 NM SE OF DAN HOI AT UTM WJ751291.
SECURED INSTALLATION CONTAINS 16 BARRACKS, 11
ADMINISTRATION, 11 STORAGE, 3 POSSIBLE AMMUNITION
STORAGE, 1 QUARTERS-TYPE, 5 MESSHALL, AND 25
MISCELLANEOUS BUILDINGS AND AN ATHLETIC FIELD.

25X1D

HA NOI ARMY BARRACKS NNW THUY PHUONG

VN 2104N 10546E NO COMRX

4.8 NM NW OF HA NOI RAILROAD CLASSIFICATION YARD.
FENCED INSTALLATION CONTAINS 56 BARRACKS, 3
ADMINISTRATION, 11 STORAGE, AND 33 SUPPORT BUILDINGS
AND AN ATHLETIC FIELD.

25X1D

SON TAY ARMY BARRACKS SW TONG

VN 2107N 10528E NO COMRX

SIX AREAS SW OF SON TAY SUBJECTED TO AIR STRIKES.
AREA A (UTM WJ494317) -- AREA CONTAINS 5 BARRACKS, 1
ADMINISTRATION, 1 MESSHALL, 9 SECURED STORAGE, AND 9
SMALL SUPPORT BUILDINGS.
AREA B (UTM WJ505355) -- AREA CONTAINS 7 BARRACKS (4
SEVERELY DAMAGED), 1 ADMINISTRATION, 1 MESSHALL, 6
LARGE STORAGE (4 SEVERELY DAMAGED), 7 SMALL SUPPORT,
AND 6 REVETTED STORAGE BUILDINGS.
AREA C (UTM WJ495326) -- AREA CONTAINS 3 LARGE STORAGE
AND 6 SMALL SUPPORT BUILDINGS. REMAINDER OF BUILDINGS
DESTROYED OR DISMANTLED.
AREA D (UTM WJ517345) -- AREA CONTAINS 3 ADMINISTRATION
BUILDINGS (1 DAMAGED MULTIWING), 20 BARRACKS, 7 VEHICLE
SHEDS, 1 MESSHALL, AND APPROXIMATELY 25 SMALL SUPPORT
BUILDINGS.
AREA E (UTM WJ508345) -- AREA CONTAINS 24 BARRACKS, 1
ADMINISTRATION, 3 MESSHALL, 18 VEHICLE SHEDS, 3 SMALL
REVETTED STORAGE, AND 14 SMALL SUPPORT BUILDINGS.
AREA F (UTM WJ484336) -- ALL BUILDINGS ARE DESTROYED OR
DISMANTLED.

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25X1D

CAM DAI POSSIBLE PRISON VN 2108N 10520E NO COMRX

1.3 NM WEST OF CAM DAI AT UTM WJ353388.
INSTALLATION CONSISTS OF 2 WALLED AREAS AND A THIRD AREA, ALL WITHIN A SECURITY FENCE. WALLED AREAS EACH HAVE 2 GUARD TOWERS AND CONTAIN A TOTAL OF 14 BARRACKS-TYPE BUILDINGS. THIRD AREA CONTAINS 3 BARRACKS, 1 ADMINISTRATION, AND 10 SUPPORT BUILDINGS.

25X1D

CAM DAI ARMY BARRACKS VN 2108N 10522E NO COMRX

1 NM EAST OF CAM DAI AT UTM WJ385385.
WALL-SECURED INSTALLATION CONTAINS 3 BARRACKS, 7 SEVERELY DAMAGED OR DESTROYED BARRACKS, AND 1 DESTROYED STORAGE BUILDING. ONE ADMINISTRATION BUILDING AND 2 PROBABLE STORAGE BUILDINGS REMAIN IMMEDIATELY EAST OF THE WALLED AREA.

25X1D

HUNG HOA MILITARY AREA VN 2113N 10521E NO COMRX

0.5 NM NNE OF PHU NHIEU AND 1 NM EAST OF PHU HUU AT UTM WJ370470.
AREA CONTAINS APPROXIMATELY 17 BARRACKS, 24 PROBABLE STORAGE, 3 AMMUNITION STORAGE, 7 POSSIBLE ADMINISTRATION, 5 MESSHALL, AND APPROXIMATELY 40 MISCELLANEOUS SUPPORT BUILDINGS AND SHEDS.

25X1D

VIET TRI PETROLEUM PRODUCTS STORAGE VN 2117N 10526E NO COMRX

IMMEDIATELY SOUTH OF VIET TRI AT UTM WJ452547.
STORAGE AREA CONTAINS 2 UNDERGROUND CYLINDRICAL POL TANKS AND 6 SUPPORT BUILDINGS. ALL ABOVEGROUND POL TANKS HAVE BEEN DESTROYED.

25X1D

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XOM BAI MILITARY CAMP NW

VN 2118N 10515E NO COMRX

0.9 NM NW OF XOM BAI AT UTM WJ260567.
PARTIALLY SECURED CAMP CONTAINS 4 BARRACKS, 1
ADMINISTRATION, 8 STORAGE, 2 REVETTED STORAGE, 2
MESSHALL, 1 MAINTENANCE, AND 15 MISCELLANEOUS BUILDINGS
AND 3 SERVICING PITS.

25X1D

VINH YEN MILITARY INSTALLATION

VN 2119N 10536E NO COMRX

0.5 NM NNE OF VINH YEN AT UTM WJ636573.
INSTALLATION CONSISTS OF 2 PROBABLE BARRACKS, 1
ADMINISTRATION, 1 MESSHALL, 14 VEHICLE SHEDS, 3
MISCELLANEOUS, AND NUMEROUS DAMAGED/DESTROYED
BUILDINGS.

25X1D

VINH YEN AMMUNITION DEPOT

VN 2119N 10538E NO COMRX

2 NM EAST OF VINH YEN AT UTM WJ658561.
SECURED STORAGE AREA CONTAINS 20 REVETTED AMMUNITION
STORAGE AND 4 POSSIBLE EXPLOSIVES STORAGE BUILDINGS.

25X1D

XOM BAI ARMY BARRACKS NE THACH SON

VN 2121N 10518E NO COMRX

0.9 NM NNE OF THACH SON AT UTM WJ309613.
AREA CONTAINS APPROXIMATELY 29 BARRACKS, 5 POSSIBLE
ADMINISTRATION, 12 PROBABLE STORAGE, 2 LARGE MESSHALL,
AND APPROXIMATELY 29 SUPPORT BUILDINGS. EXTENSIVE
DRIVER TRAINING FACILITIES ARE 1.3 NM ESE AT UTM
WJ332612.

25X1D

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Complexes

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BLACK SHIELD MISSION BX 6708, 13 JULY 67

R-142/67

COMPLEXES

25X1A

TUYEN QUANG COMPLEX

VN 2148N 10512E

25X1D

NO APPARENT CHANGE IN CLOUD-FREE AREAS SINCE [REDACTED]

25X1D

[REDACTED]

YEN BAI COMPLEX

VN 2141N 10452E

COMPLEX HAS BEEN RAZED WITH MAJORITY OF STRUCTURES DISMANTLED AND THE REMAINDER DESTROYED OR DAMAGED. NO SIGNIFICANT ACTIVITY OBSERVED WITHIN COMPLEX. APPROXIMATELY 14 PIECES OF ROLLING STOCK OBSERVED IN RAILROAD YARD.

25X1D

VIET TRI RAILROAD YARD

VN 2118N 10526E

RAILYARD APPEARS TO BE UNSERVICEABLE. YARD HAS BEEN SUBJECTED TO AIR STRIKES AND HAS NUMEROUS BOMB CRATERS. AT LEAST 20 PIECES OF ROLLING STOCK (7 DERAILED AND OVERTURNED) OBSERVED IN YARD.

25X1D

YEN VIEN RR CLASSIFICATION YARD

VN 2105N 10555E

IDENTIFICATION ONLY.

25X1D

PHU THO CHEMICAL FERTILIZER PLANT LAM THAO VN 2120N 10517E NO COMRX

7 NM SE OF PHU THO AND 0.5 NM SOUTH OF THACH SON, ON EAST BANK OF RED RIVER AT UTM WJ305584. RAIL-SERVED CHEMICAL FERTILIZER PLANT CONTAINS A PROBABLE CRUSHING AND PROCESSING BUILDING, 1 BOILERHOUSE, A PROBABLE SULFURIC ACID PLANT, STORAGE TANKS, 4 PROCESSING BUILDINGS, AN ADMINISTRATION AREA, RAW MATERIAL STORAGE, AND A SEPARATELY SECURED AREA WITH 4 BUILDINGS, 2 BURIED TANKS, AND A WATER TOWER.

Approved For Release 2001/11/19 : CIA-RDP78B04560A006000010017-4

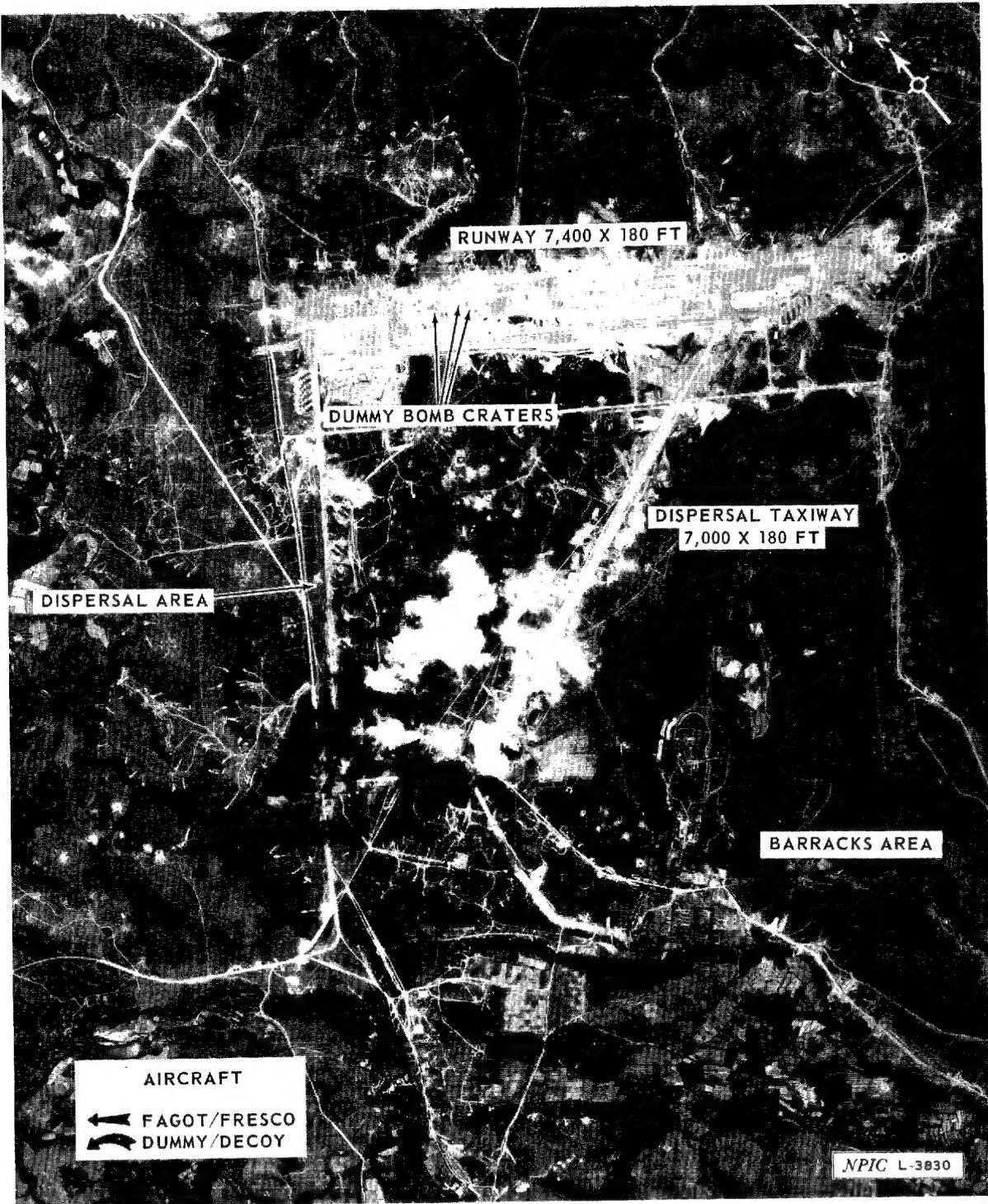
25X1D

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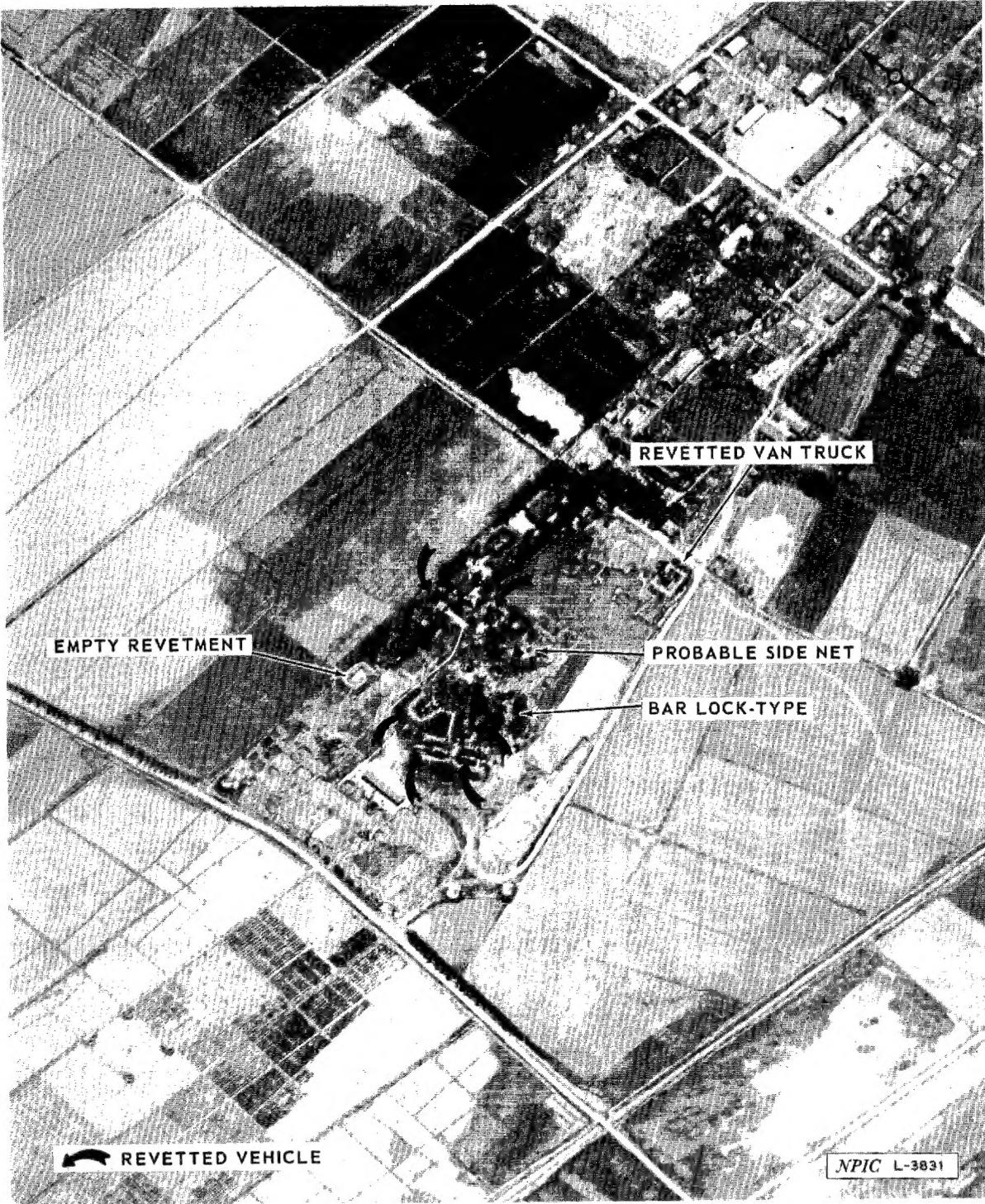
Approved For Release 2001/11/19 : CIA-RDP78B04560A006000010017-4

Attachments

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HOA LOC AIRFIELD, NORTH VIETNAM.



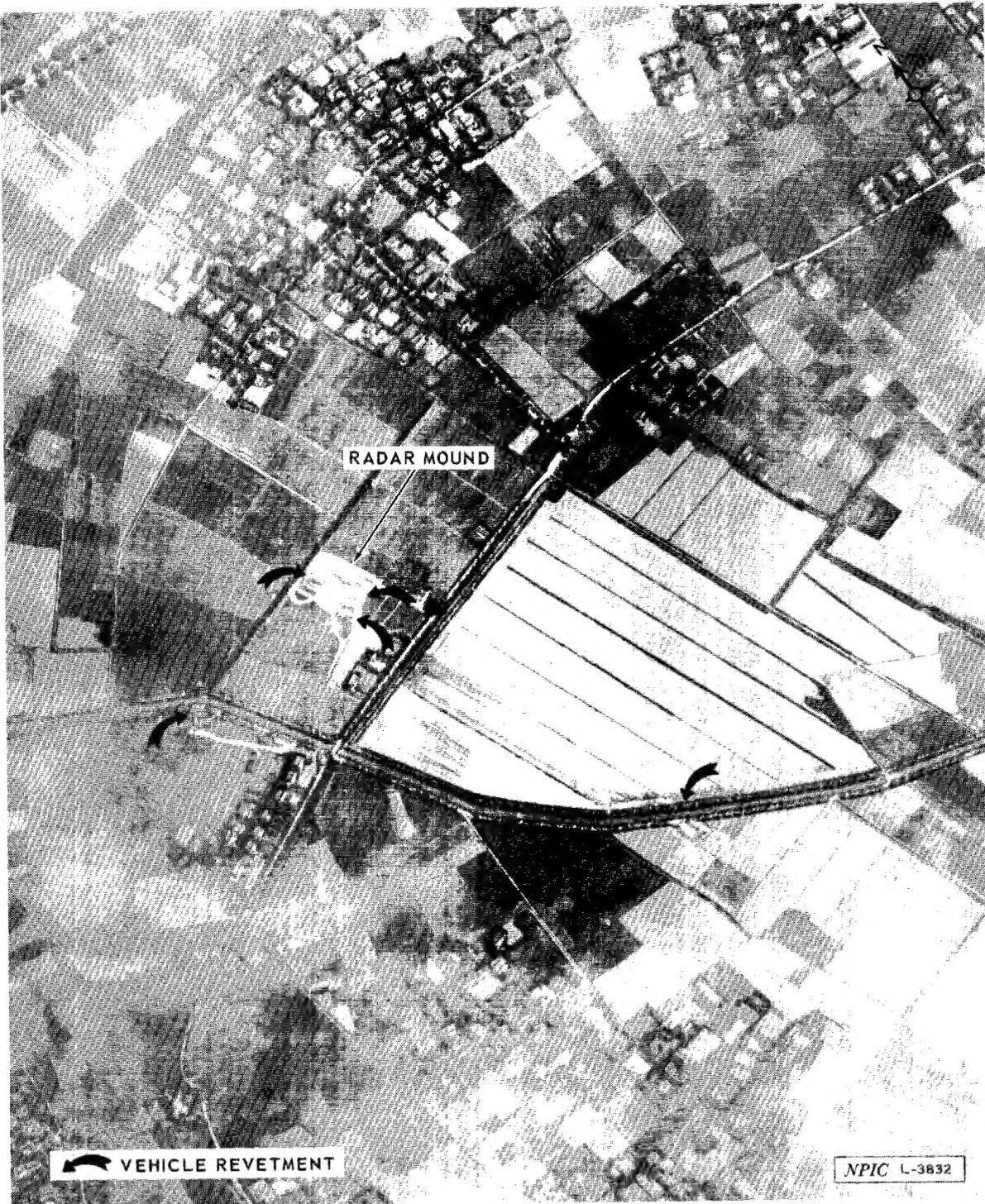
HA DONG AW/GCI RADAR SITE, NORTH VIETNAM.

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NPIC/R-142/67

ATTACHMENT 3



XOM NGOAI RADAR FACILITY, NORTH VIETNAM.

 VEHICLE REVETMENT

NPIC L-3832

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~~SECRET~~

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